CLAIMS

1. A method of inhibiting a pathological condition which is susc ptible or partially susceptible to inhibition by an estrogen, antiestrogen or estrogen agonist, which comprises administering to a mammal in need of inhibition of said pathological 5 condition selected from the group consisting of uterine cancer, adjuvant breast cancer, breast disorders, male breast cancer, migraine, incontinence, vaginal atrophy, bladder infection, senile gynecomastia, diabetes, hyperglycemia, failure of wound healing, melanoma, impotence, inflammatory bowel disease, CNS and GI disorders caused by an excess of tackykinins, decreased libido, immune system disorders, decreased 10 fertility, pulmonary hypertensive disease, acne, seborrhea, autoimmune disease, Turner's syndrome, alopecia, hirsutism, disorders related to an excess of neurokinin and obsessive-compulsive disorders including smoking and alcohol abuse, an effectiv amount of a compound of formula I

wherein:

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A is selected from CH2 and NR;

B, D and E are independently selected from CH and N;

Y is 25

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- phenyl, optionally substituted with 1-3 substituents independently (a) selected from R4;
- substituents 1-3 substituted with optionally naphthyl, (b) independently selected from R4;

C₃-C₈ cycloalkyl, optionally substituted with 1-2 substituents (c) independently selected from R4;

C₃-C₈ cycloalkenyl, optionally substituted with 1-2 substituents (d) independently selected from R4;

(e) a five membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, -NR²- and -S(O)_n-, optionally substituted with 1-3 substituents independently selected from R⁴;
(f) a six membered heterocycle containing up to two heteroatoms

(f) a six membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, -NR²- and -S(O)_n-optionally substituted with 1-3 substituents independently selected from R⁴; or

(g) a bicyclic ring system consisting of a five or six membered heterocyclic ring fused to a phenyl ring, said heterocyclic ring containing up to two heteroatoms selected from the group consisting of -O-, -NR²-, and -S(O)_n-, optionally substituted with 1-3 substituents independently selected from R⁴;

Z1 is

(a) $-(CH_2)_p W(CH_2)_q$ -;

(b) -O(CH₂), CR⁵R⁶-;

(c) $-O(CH_2)_pW(CH_2)_q$;

(d) -OCHR2CHR3-; or

(e) -SCHR2CHR3-;

20 G is

(a) -NR⁷R⁸;

(b)

-N (CH2) m Z2

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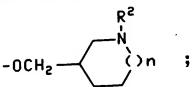
wherein n is 0, 1 or 2; m is 1, 2 or 3; Z² is -NH-, -O-, -S-, or -CH₂-; optionally fused on adjacent carbon atoms with one or two phenyl rings and, optionally independently substituted on carbon with one to three substituents and, optionally, independently on nitrogen with a chemically suitable substituent selected from R⁴;

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(c) a bicyclic amine containing five to twelv carbon atoms, ither bridged or fused and optionally substituted with 1-3 substituents independently selected from R⁴;

Z¹ and G in combination may be

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W is

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- (a) -CH₂-;
- (b) -CH=CH-;
- (c) -O-;
- (d) -NR²-;
- (e) -S(O)_n-;

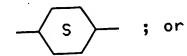
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(f)

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- (g) -CR2(OH)-;
- (h) -CONR²-;
- (i) -NR²CO-;

(j)



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(k) -C≡C-;

R is hydrogen or C_1 - C_6 alkyl; R^2 and R^3 are independently

- (a) hydrogen; or
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- (b) C₁-C₄ alkyl;

R4 is

- (a) hydrogen;
- (b) halogen;

	(c)	C ₁ -C ₆ alkyl;	
	` '	C ₁ -C ₄ alkoxy;	
		C ₁ -C ₄ acyloxy;	
5		C ₁ -C ₄ alkylthio;	
	(g)	C ₁ -C ₄ alkylsulfinyl;	
	(h)	C ₁ -C ₄ alkylsulfonyl;	
	(i)	hydroxy (C ₁ -C ₄)alkyl;	
10	(j)	aryl (C ₁ -C ₄)alkyl;	
	(k)	-CO₂H;	
	(1)	-CN;	
	(m)	-CONHOR;	
	(n)	-SO₂NHR;	
15	(0)	-NH ₂ ;	
	(p)	C ₁ -C ₄ alkylamino;	
	(p)	C ₁ -C ₄ dialkylamino;	
	(r)	-NHSO₂R;	
	(s)	-NO₂;	
	(t)	-aryl; or	
	(u)	-OH.	
20	R ⁵ and R ⁶ 8	-OH. are independently C_1 - C_8 alkyl or together form a C_3 - C_{10} carbocyclic	
ring;			
	R ⁷ and R ⁸	R ⁷ and R ⁸ are independently	
25	(a)	phenyl;	
	(b)	a C ₃ -C ₁₀ carbocyclic ring, saturated or unsaturated;	
	(c)	a C ₃ -C ₁₀ carbocyclic ring; ontaining up to two heteroatoms,	
		selected from -O-, -N- and -S-;	
	(d)		
	(e)	C ₁ -C ₆ alkyl; or	
	(f)	form a 3 to 8 membered nitrogen containing ring with R ⁵ or R ⁶ ;	
30	R7 and R8	(f) form a 3 to 6 members of the R ⁷ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁷ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁷ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸ in either linear or ring form may optionally be substituted with up to R ⁸ and R ⁸	
	independently selected from C1-C6 aikyi, halogeri, aikony, hy		

three substituents independently selected from C₁-C₆ alkyl, halogen, alkoxy, hydroxy

a ring formed by R7 and R8 may be optionally fused to a phenyl ring;

and carboxy;

e is 0, 1 or 2;

m is 1, 2 or 3;

n is 0, 1 or 2;

p is 0, 1, 2 or 3;

q is 0, 1, 2 or 3; 5

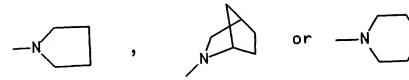
and optical and geometric isomers thereof; and nontoxic pharmacologically acceptable acid addition salts, N-oxides, esters, and quaternary ammonium salts thereof.

2. A method of Claim 1 wherein the compound of formula 1 is a compound of 10 the structure

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wherein G is

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3. A method of Claim 1 wherein the compound of formula 1 is selected from 25 the group consisting of

Cis-6-(4-fluoro-phenyl)-5-[4-(2-piperidin-1-yl-ethoxy)-phenyl]-5,6,7,8-tetrahydronaphthalen-2-ol,

- (-)-Cis-6-phenyl-5-[4-(2-pyrrolidin-1-yl-ethoxy)-phenyl]-5,6,7,8-tetrahydronaphthalen-2-ol,
- Cis-6-phenyl-5-[4-(2-pyrrolidin-1-yl-ethoxy)-phenyl]-5,6,7,8-tetrahydro-naphthalen-30 2-ol.

Cis 1-[6'-pyrrolodinoethoxy-3'-pyridyl]-2-phenyl-6-hydroxy-1,2,3,4t trahydrohaphthalene,

1-(4'-Pyrrolidinoethoxyphenyl)-2-(4"-fluorophenyl)-6-hydroxy-1,2,3,4tetrahydroisoquinoline,

Cis-6-(4'hydroxyphenyl)-5-[4-(2-piperidin-1-yl-ethoxy)-phenyl]-5,6,7,8-tetrahydronaphthalen-2-ol, and

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- 1-(4'-Pyrrolidinolethoxyphenyl)-2-phenyl-6-hydroxy-1,2,3,4-tetrahydroisoquinoline.
- 4. A method of claim 1 wherein said pathological condition is a breast disorder.
- 5. A method of claim 1 wherein said pathological condition is vaginal atrophy.
- 6. A method of claim 1 wherein said pathological condition is a bladder
- A method of claim 1 wherein said pathological condition is senil infection. 10 gynecomastia.
 - 8. A method of claim 1 wherein said pathological condition is diabetes.
 - 9. A method of claim 1 wherein said pathological condition is hyperglycemia.
- 10. A method of claim 1 wherein said pathological condition is failure of wound 15 healing.
 - 11. A method of claim 1 wherein said pathological condition is decreased libido.
 - 12. A method of claim 1 wherein said pathological condition is an immun system disorder.
- 13. A method of claim 1 wherein said pathological condition is decreased 20 fertility.
 - 14. A method of claim 1 wherein said pathological condition is pulmonary hypertensive disease.
 - 15. A method of claim 1 wherein said pathological condition is acne.
 - 16. A method of claim 1 wherein said pathological condition is seborrhea.
- 17. A method of claim 1 wherein said pathological condition is autoimmun 25 disease.
 - 18. A method of claim 1 wherein said pathological condition is Turn r's Syndrome.
 - 19. A method of claim 1 wherein said pathological condition is hirsutism.
 - 20. A method of claim 1 wherein said pathological condition is alopecia.
 - 21. A method of claim 1 wherein said pathological condition is an obsessivecompulsive disorder.

22. A method of claim 1 wherein said pathological condition is undesired pregnancy.